

Report on Longitudinal Data

Increasing Virginia's Capacity to Understand Students' Pathways to Success in College and the Work Force

Virginia Board of Education Meeting
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Longitudinal Data

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Overview

- Built to meet *2001 Elementary and Secondary Education Act (ESEA)* Requirements
- Unique Student Identifier
- K-12 Data Warehouse – Decision Support Tools for Schools
- State-funded Base System
- Federal Grants (2007 and 2010) Funding Expansion and State Fiscal Stabilization Fund (SFSF) Reporting Requirements

Major Accomplishments

- **Unique Identifier for All Students (2005)**
- **True Longitudinal Graduation and Dropout Rates (2008)**
- **Schools Interoperability Framework in 130 School Divisions (2012)**
- **57 Divisions Using Electronic Transcripts (2012)**
- **Involving School Divisions (ongoing)**
- **State Fiscal Stabilization Fund Reporting Requirements Met (January 31, 2012)**
- **Moving beyond Pk-12 to P20-W (ongoing)**



Leveraging Accountability Data for State and Local Use

- 13 years of student-level state assessment data to the reporting category level (over 29 million tests)
- Test data available on Sunday as of scoring the previous Thursday
- Student-level college readiness scores
 - SAT
 - ACT
 - AP
- Phonological Awareness Literacy Screening (PALS)
- Watch List
- Student-level postsecondary enrollment
- Ability to disaggregate by subgroup and customize reports

Empowering Teachers and Administrators

- **39 Divisions providing teacher access**
- **Web-based and hands-on training provided**
- **Training includes:**
 - **Operation of the system**
 - **Using the data in the system to make informed decisions**
- **Additions and changes to the system often occur as a result of suggestions made in training.**

2007 Federal Grant

- Longitudinal Data Systems grant from USED
- \$6 million to expand the system, including
 - Postsecondary and College Readiness Reports
 - Developing electronic transcripts
 - Developing the capability for teacher access
 - Developing the Investing in Data Quality program
- Also enabled a number of research and best practice studies

2010 LDS Grant

Builds on Base System - Meets SFSF Reporting Requirements

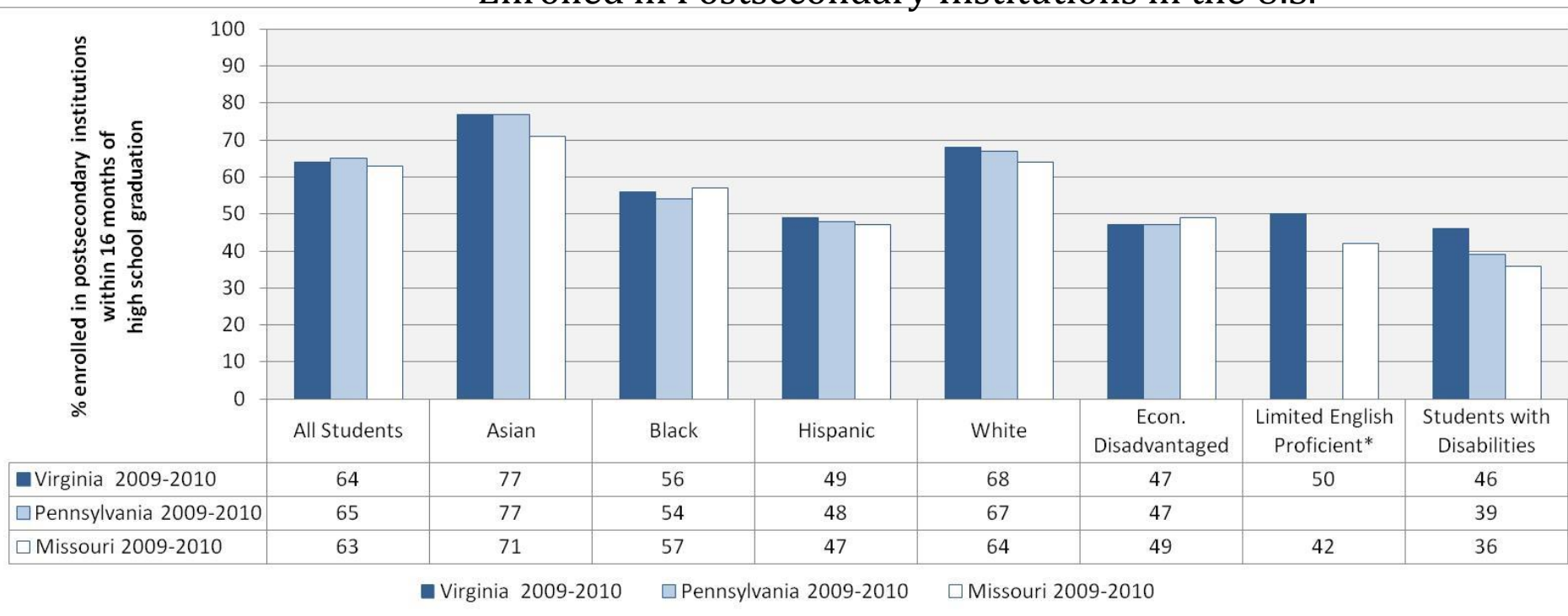
- Builds and contributes to a multiagency federated longitudinal data system
- Improves the ability to match teachers to their preparation programs
- Provides data systems grants to school divisions
- Develops a model for student growth

2010 LDS Grant

- **Develops cross-agency data policy**
- **Develops a web portal for public access to data**
- **Develops electronic transcript capability in Higher Education**
- **Conducts an “Apps Challenge” to encourage innovative uses of data**

Postsecondary Enrollment Reports

Best available estimates of Postsecondary Enrollment of High School Graduates Enrolled in Postsecondary Institutions in the U.S.



*Pennsylvania reports these data in a way that is not comparable to Virginia's data.

Virginia's reports for the state, school divisions, and schools are available at:

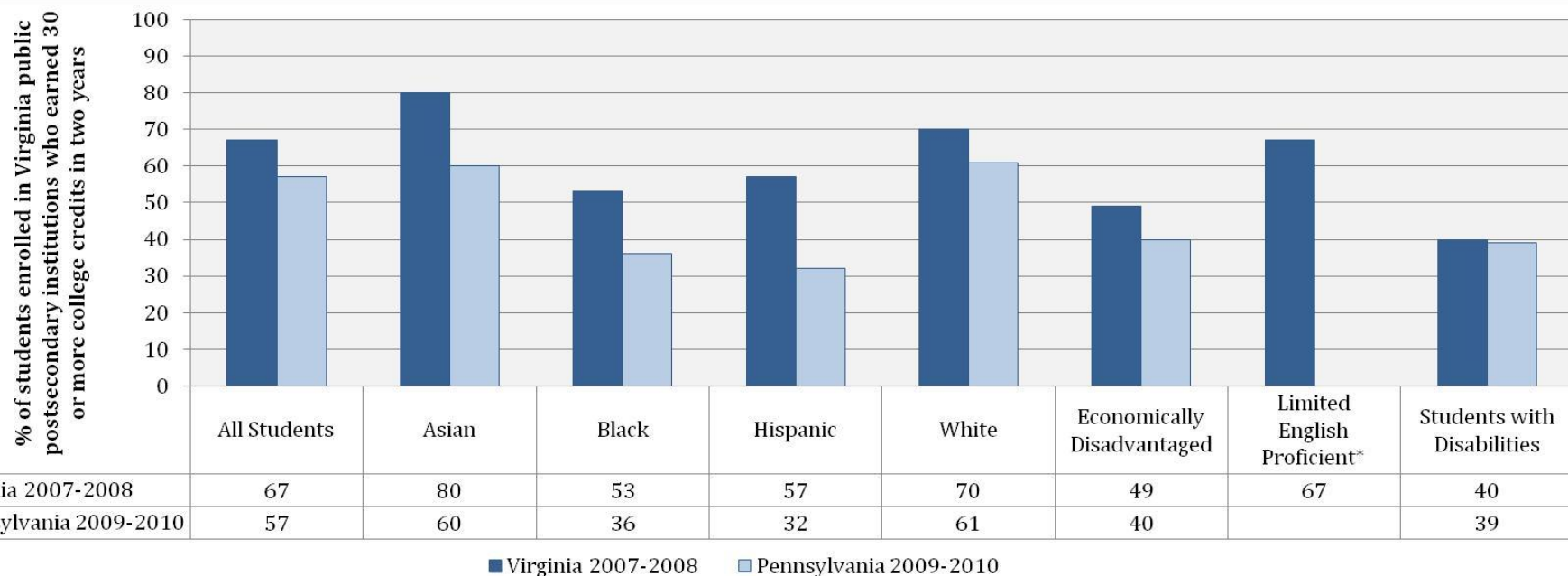
https://p1pe.doe.virginia.gov/postsec_public/postsec.do?dowhat=LOAD_REPORT_C11.

See frequently asked questions for important information about these reports

(http://www.doe.virginia.gov/school_finance/arra/stabilization/reported_data/assurance_c/faq_c11.pdf.)

Postsecondary Achievement Data

Best available estimates of Postsecondary Achievement of High School Graduates
Enrolled in Public Institutions of Higher Education in the State



*Pennsylvania reports these data in a way that is not comparable to Virginia's data.

Reports for the state, school divisions, and schools are available at:

https://p1pe.doe.virginia.gov/postsec_public/postsec.do?dowhat=LOAD_REPORT_C12.

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Longitudinal Data

Questions?

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Resource Links

[Postsecondary Enrollment and Achievement Reports](#)

[Virginia Cohort Reports](#)

[Virginia Early Warning System \(VIEWS\)](#)

[Interactive Fall Membership](#)

[Interactive Annual Graduates and Completers](#)

[Interactive Annual Dropout Report](#)

[Interactive Special Education Child Count](#)

[Customized Student Achievement Reports](#) (soon to be interactive)

[Federally Reported SFSF Data](#)

Longitudinal Data

Supplemental Slides

Involving School Divisions

- Involved in developing new data collections and reports via regular webinars, weekly newsletters and site visits
- *“Investing in Data Quality”* program
 - Five levels of coursework
 - Rewards and recognition



Research and Evaluation Activities

- **Individual Student Growth Percentiles**
- **Study of Dropouts and Graduates**
- **Postsecondary Enrollment and Persistence**
- **Indicators of Risk for Dropping Out and creation of the Virginia Early Warning System (VEWS)**
- **Meeting SFSF indicators (c)(11) and (c)(12) – Postsecondary Enrollment and Credit**

SFSF Requirements

- Connect students' data to their teachers' data
- Collect student level transcript information
- Provide reading and mathematics teachers with estimates of their students' growth
- Report on postsecondary enrollment and achievement.

Virginia completed all of the requirements by the deadline of January 31, 2012.

The Federated System

- Initial partners are DOE, the State Council of Higher Education for Virginia, the Virginia Community College System, and the Virginia Employment Commission
- Is NOT a big database – each agency retains its own data
- Uses double-deidentified data
- Is scalable to accommodate other agencies in the future

Grant Accomplishments

- The federated data system has been designed and is under development
- Routes to licensure have been identified and the Teacher Licensure system is being updated
- Grants to school divisions have been awarded and work is underway
- The growth model and extensive professional development has been completed

Grant Accomplishments

- A data governance council has been formed and operating rules are in draft format
- Four interactive reports have been posted to the DOE Web site
- The Community College System has completed work on electronic transcript; JMU, GMU, and Norfolk State are in progress
- The first “Apps Challenge” event is scheduled for June 2012